WEEK END 400

SCHEMATIC DIAGRAMS

* CERAMIC CAPACITORS ONLY

• METAL FILM RESISTORS ONLY

ALL SIGNAL DIODES CAN BE SUBSTITUTED WITH EVERY TIPE OF SYLICON DIODE WITH VR > 25v CAK < 4pF IF > 10 mA

MOD 194

ONLY FOR :
F - F* - G - G*
A - A* - B - C

TONE F

HBF 472.7

ONLY FOR :
C* - D - D* - E

TONE C*

HBF 472.7

03

U.M. KEYBOARD

L.M. KEYBOARD

OUT PEDAL

L.M.

PEDAL

DIAPASON

CELLO

HORN

16'

8'

4'

2 2/3'

TRUMPET

VIOLIN

PERC.

VIBR.

REV.

BASS

AUX INPUT

P7

P8

P9

P10

P11

P36

TRUMPET

HORN

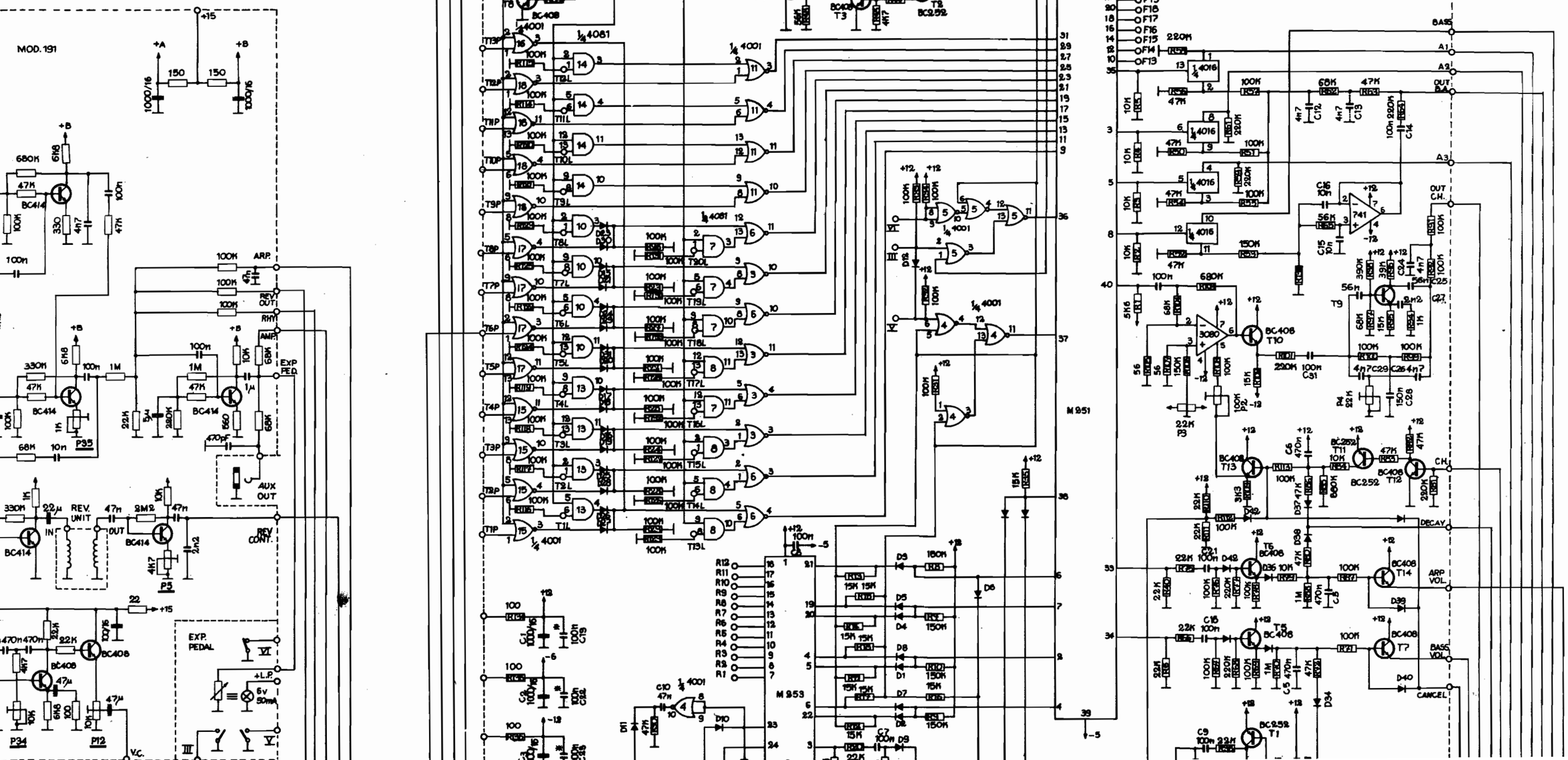
PERC.

SPEED REP

REPEAT

C.R.

REP.


MOD. 191
+15
+A
+B
150
150
1000/16
1000/16
680K
47K
BC414
330
4n7
100n
47n
100K
ARP.
REV. OUT
RHY.
AMP.
EXP. PED.
330K
1M
10K
68K
22K
5µ
390K
1µ
160
470pF
P35
AUX OUT
REV. UNIT
IN
OUT
2M2
REV. CONT.
P3
P34
P12
V.C.
EXP. PEDAL
+L.P.
6v 50mA
PEDAL
L.M.
1000
100K
10K
1/4 4001
BC408
T8
T13P
T12P
T11P
T9P
T8P
T7P
T6P
T5P
T4P
T3P
T2P
T1P
T13L
T12L
T11L
T10L
T9L
T8L
T7L
T6L
T5L
T4L
T3L
T2L
T1L
1/4 4081
T90L
T19L
T18L
T17L
T16L
T15L
T14L
BC408 T4
BC408 T3
BC252 T2
56K
22K
4K7
C11
FS4R (N.C.)
FS4R
F24
F23
F22
F21
F20
F19
F18
F17
F16
F15
F14
F13
220K
1/4 4016
47K
220K
4n7 C12
4n7 C13
100n 220K C14
68K
47K
BASS
A1
A2
OUT BA
A3
OUT CH.
C16 10n
C15 10n
741
56K
150K
680K
3080
BC406 T10
220K
100n C31
390K
39n C24
4n7 C29
C26 4n7
C25
C27
T9
68K
15K
1n2
1K
100K
150n C28
P4 22K
P2 -12
2.2K P3
BC406 T13
BC252 T11
BC406 T12
C5 470n
3K3
D37
D38
CH.
DECAY
C21 100n
D42
T6 BC406
D36 10K
BC406 T14
ARP. VOL.
D39
C18 100n
T5 BC406
T7 BC406
BASS VOL.
D40
CANCEL
D34
C9 100n
T1 BC252
M 951
M 953
D9
D5
D4
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D1
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D2
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150K
15K
180n
C7 100n
C10 47n
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L.M. KEYBOARD

TRUMPET
VIOLIN
PERC.
VIBR.
REV.
S.C.

REPEAT
REP. ON-OFF

PITCH

MOD. T74

74LS221

TOP VIEW

MM5840

SUSTAIN ON-OFF

MOD. 176

M147

PEDALBOARD

ATTACK

MOD. T92

B40C1500

230VAc

78M6

79M6

SYNCR.

M.C.

START
WALTZ
TANGO
BEGUINE
MARCH
SWING
SLOW R.
CHACHA
SAMBA
MAMBO

TEMPO

4001

RESET

CLOCK

ROLL.

SIL.

M250

SNARE DRUM

BASS DRUM

BLOCKS

TANGO WALTZ
MARCH BEGUINE
SLOW R. SWING
SAMBA CHA CHA
BOSSA N. MAMBO
R&B SHAKE
+12
M 250
MOD. 178
LONG CYMBAL
SHORT CYMBAL
BRUSHES
OUT RHYTHM
BLOCKS
CLAVES
BONGO
TOM TOM
MOD. 177
MAN. PED.
EASY AUTO
BASS 1 2 3
CHORDS 1 2 3
ARPEGGIO 1 2 3
MEMORY TOUCH SIL. C.RHYTHM ON
PEDAL
CH.
T.S.
M.C.
CANCEL
SIL
OUT
OUT CHORDS
OUT B.A.
M 253
SYNCR.
RESET
CLOCK
LATCH
WALK (MC)
RES.
BASS VOLUME
CHORDS VOLUME
ARPEGGIO VOLUME
CH-ARP DECAY
IN POW. AMPL.
MOD. 088
HEARPHONE
TWEETER
EXP. PEDAL
REPEAT
REP. ON-OFF
LOGAN Electronics
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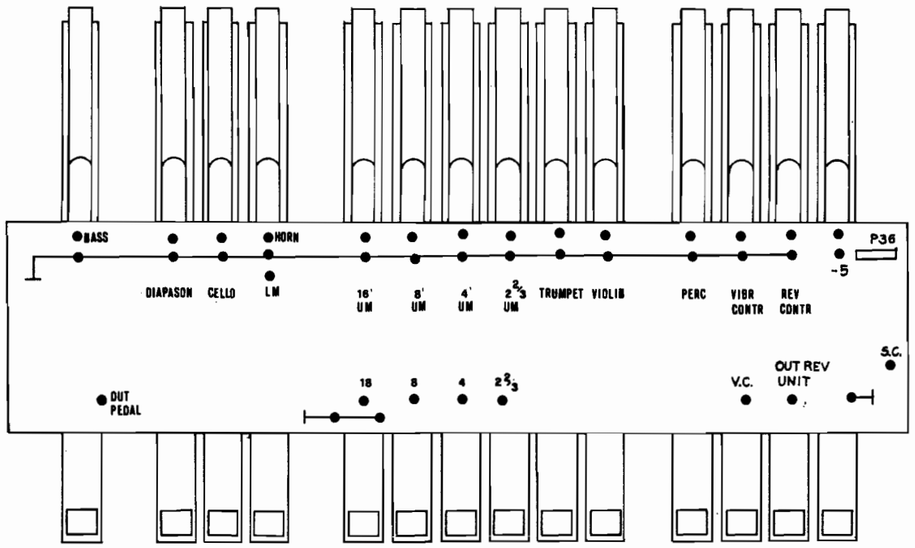
WEEK END 400
DATE 15-5-877
REVISION OF


BASS
HORN
P36
-5
DIAPASON
CELLO
LM
16' UM
8' UM
4' UM
2 2/3 UM
TRUMPET
VIOLIN
PERC
VIBR CONTR
REV CONTR
OUT PEDAL
16
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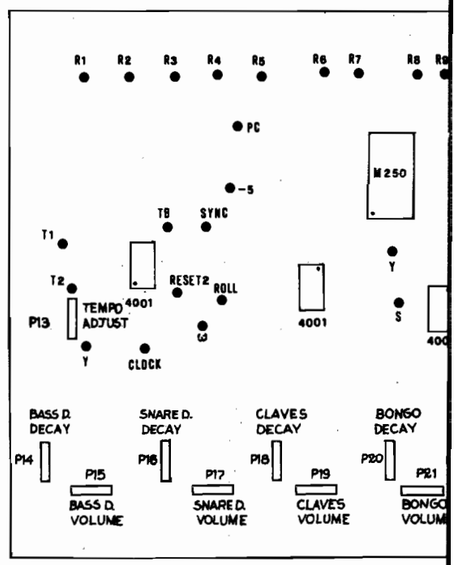
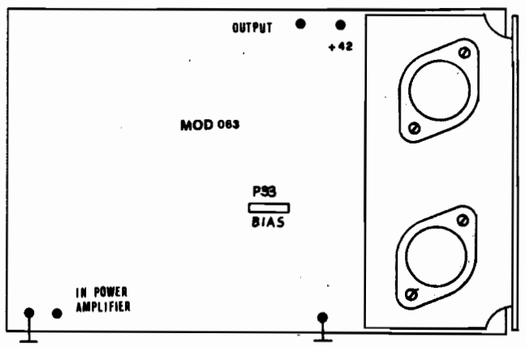
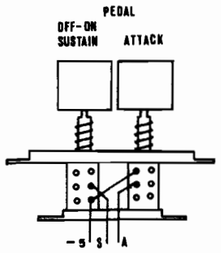
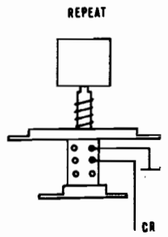
2 2/3
V.C.
OUT REV UNIT
S.C.

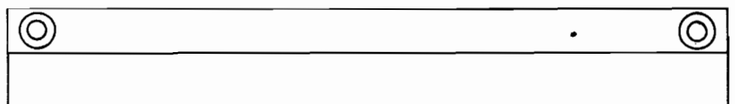

R1
R2
R3
R4
R5
R6
R7
PC
-5
M250
T8
SYNC
T1
T2
RESET2
ROLL
TEMPO ADJUST
4001
P13
Y
CLOCK
S
BASS D. DECAY
SNARE D. DECAY
CLAVES DECAY
BONGO DECAY
P14
P15
P16
P17
P18
P19
P20
P21
BASS D. VOLUME
SNARE D. VOLUME
CLAVES VOLUME

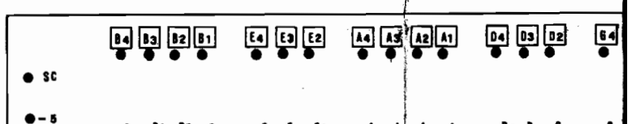

OUTPUT
+42
MOD 063
P33
BIAS
IN POWER AMPLIFIER

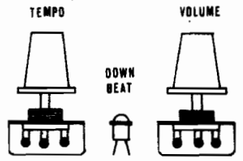

PEDAL
OFF-ON SUSTAIN
ATTACK
-5
S
A

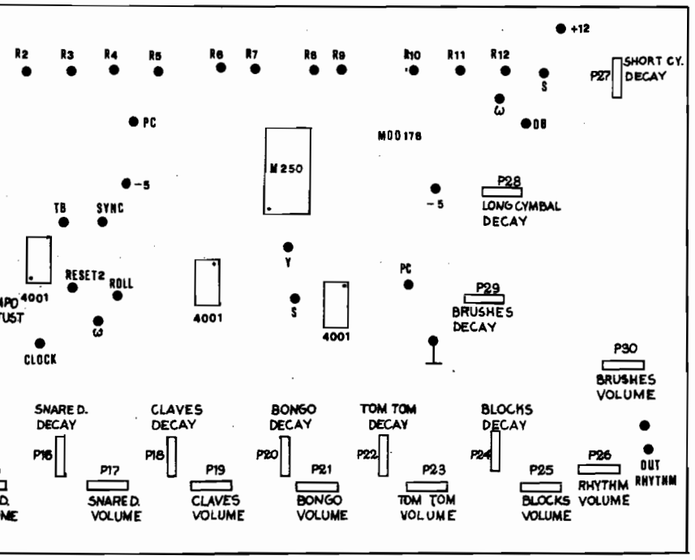

REPEAT
CR

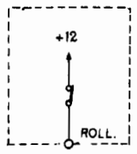
SPEED
SPEED
+12

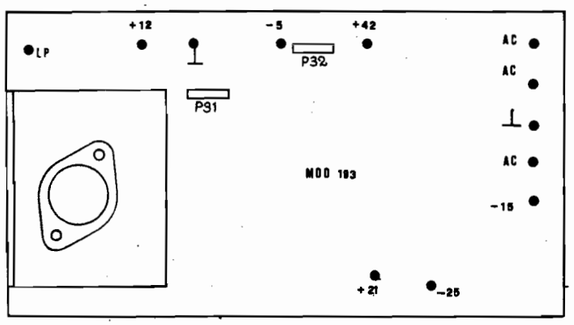


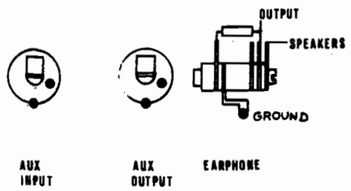

B4
B3
B2
B1
E4
E3
E2
A4
A3
A2
A1
D4
D3
D2
SC
-5

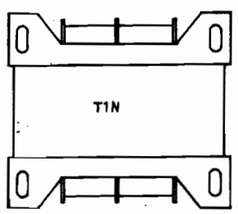

TEMPO
VOLUME
DOWN BEAT


+12
R2
R3
R4
R5
R6
R7
R8
R9
R10
R11
R12
S
ω
DB
P27
SHORT CY. DECAY
PC
MOD 176
M250
-5
P28
LONG CYMBAL DECAY
TB
SYNC
Y
RESET2
ROLL
4001
4001
4001
S
PC
P29
BRUSHES DECAY
CLOCK
P30
BRUSHES VOLUME
SNARE D. DECAY
CLAVES DECAY
BONGO DECAY
TOM TOM DECAY
BLOCKS DECAY
P16
P17
P18
P19
P20
P21
P22
P23
P24
P25
P26
RHYTHM VOLUME
OUT RHYTHM
SNARE D. VOLUME
CLAVES VOLUME
BONGO VOLUME
TOM TOM VOLUME
BLOCKS VOLUME


+12
ROLL.

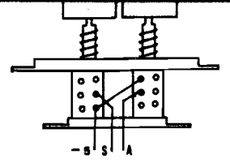

+12
-5
+42
LP
P31
P32
MOD 193
AC
AC
AC
-15
+21
-25

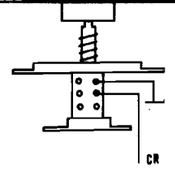

OUTPUT
SPEAKERS
GROUND
AUX INPUT
AUX OUTPUT
EARPHONE

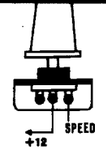

T1N

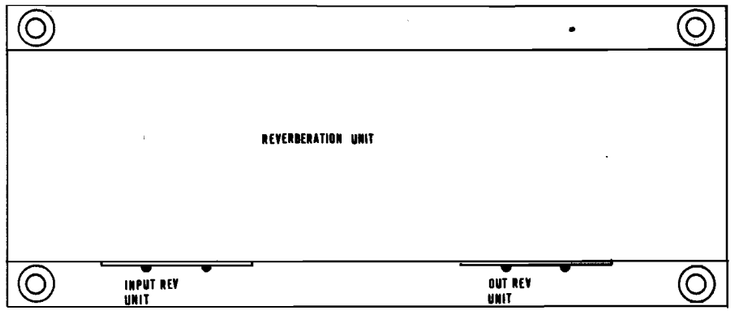
E2
A4
A3
A2
A1
D4
D3
D2
G4
G3
G2
G1
C6
C4
C3
C2
F4
F3
F2
F1
A4
A3
A2
A1
D4
D3
D2
G4
G3
G2
G1
C4
C3
C2
F4
F3
F2
F1
A4#
A3#
A2#
A1#
D4#
D3#
D2#
G4#
G3#
G2#
G1#
C4#
C3#
C2#
F4#
F3#
F2#
F1#

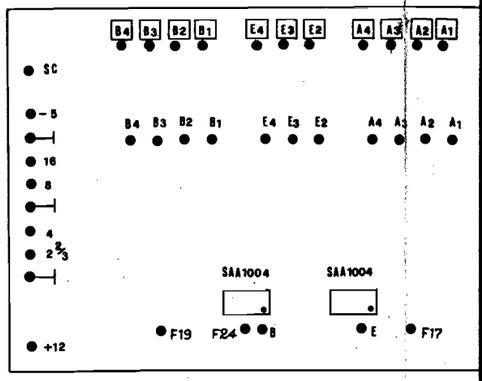
MAN PED
EASY AUTO
REL
BASS
CHORDS 1 2 3
ARPEGGIO 1 2 3
MEMORY TOUCH
SILENT CANC
ON RHYTHM
LM
PEDAL
D
RES1
C.BASS
CH1
CH2
CH3
A1
A2
A3
BASS
CH.
F24R
OUT ARP.
+12
LATCH
TB
OUT
TS
OUT BASS-ARP

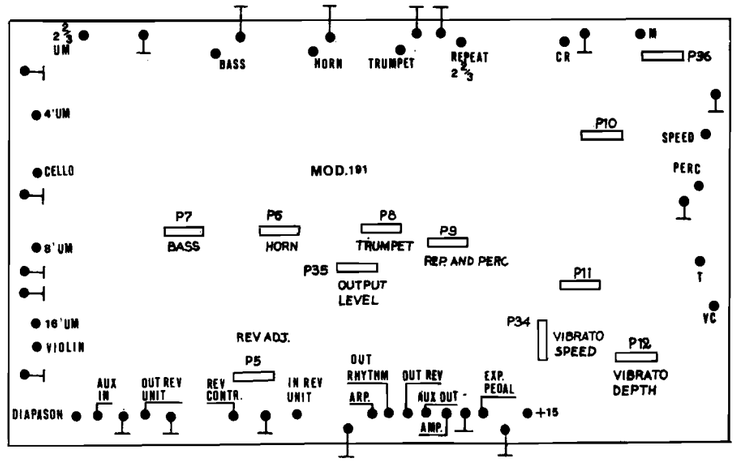

-S
S
A

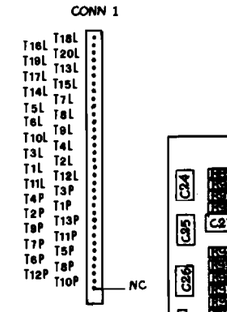

CR

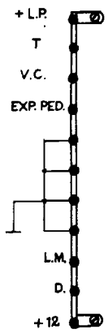

SPEED
+12

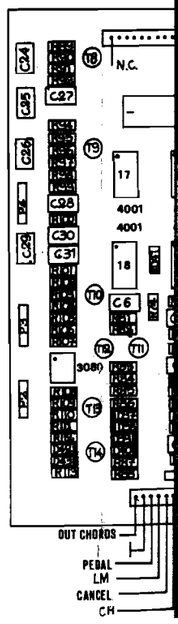

REVERBERATION UNIT
INPUT REV UNIT
OUT REV UNIT

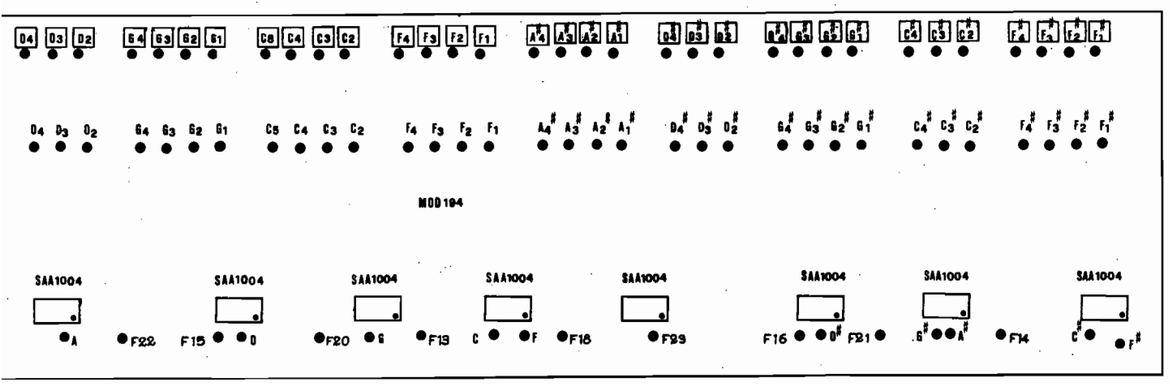

B4 B3 B2 B1 E4 E3 E2 A4 A3 A2 A1
SC
-S
16
8
4
2 2/3
+12
SAA1004
SAA1004
F19
F24
B
E
F17

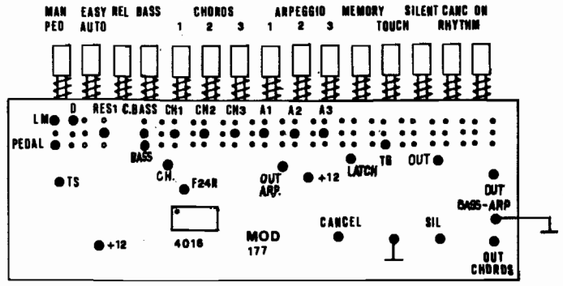

2 2/3 UM
BASS
HORN
TRUMPET
REPEAT 2 2/3
CR
N
P36
4'UM
P10
SPEED
CELLO
MOD.191
PERC
P7
BASS
P6
HORN
P8
TRUMPET
P9
REP. AND PERC.
P35
OUTPUT LEVEL
P11
T
8'UM
VC
16'UM
VIOLIN
REV ADJ.
P34
VIBRATO SPEED
P12
VIBRATO DEPTH
P5
OUT RHYTHM ARP.
OUT REV
AUX OUT - AMP.
EXP. PEDAL
AUX IN
OUT REV UNIT
REV CONTR.
IN REV UNIT
DIAPASON
+15

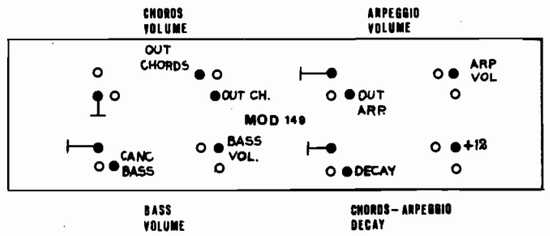

CONN 1
T16L T18L
T19L T20L
T17L T13L
T14L T15L
T5L T7L
T6L T8L
T10L T9L
T3L T4L
T1L T2L
T11L T12L
T4P T3P
T2P T1P
T9P T13P
T7P T11P
T6P T5P
T12P T8P
T10P
NC

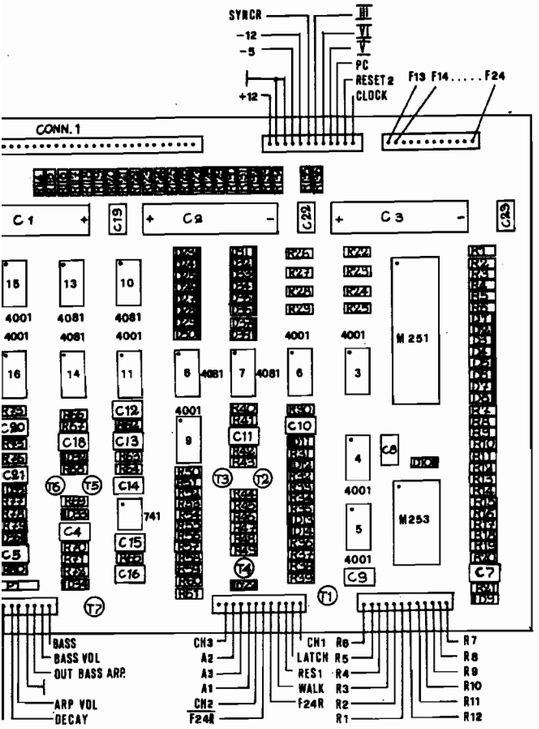

+ L.P.
T
V.C.
EXP. PED.
L.M.
D.
+12

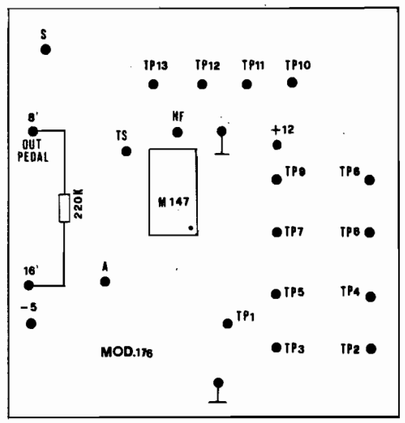

N.C.
C24
C27
C25
C26
C28
C29
C30
C31
17
4001
4001
18
C6
308Ω
OUT CHORDS
PEDAL
LM
CANCEL
CH

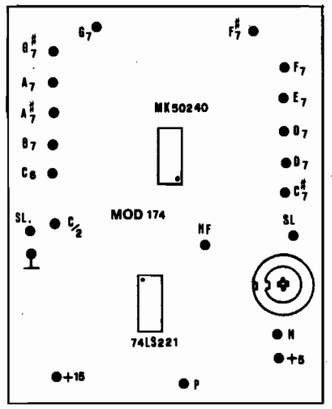


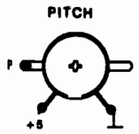












LOGAN Electronics		CODE	DATE 15-8-77	REVISION OF	
		WEEK END 400			